

Amendments to the Specification:

Please replace the abstract of the invention with the following replacement abstract:

--There is a method for transmitting traffic flows over a common transmission channel whose data arrives in at least one buffer connected upstream from the transmission channel. According to this method, a guaranteed bandwidth is determined for the transmission of packets of each traffic flow over the transmission channel; a maximum bandwidth is determined for the transmission of packets of each traffic flow over the transmission channel, whereby packets of a traffic flow are chronologically transmitted over the channel before the packets of the traffic flow that arrive in buffer with a transmission rate exceeding the guaranteed bandwidth and; packets of a traffic flow are chronologically transmitted over the transmission channel before packets of the traffic flow that have arrived in the buffer with a transmission rate exceeding the maximum bandwidth of the traffic channel in the transmission channel.--